

## **REMARKS**

### **I. INTRODUCTION**

The Office Action mailed on October 11, 2006 and the references cited therein have been carefully studied and, in view of the foregoing amendments and the following remarks, reconsideration and allowance of this application are most respectfully requested. Claims 1-70 are currently pending in the present application, and claims 1-4, 6-38, and 40-70 have been rejected, and claims 5 and 39 are objected to. By the current amendment, claims 1-6, 12-14, 16-19, 21-27, 30-40, 46-48, 50-53, 55, 57-62 and 66-69 have been amended. It is believed that no new matter has been added by the current amendment. Applicants respectfully submit that the pending claims are now in condition for allowance.

### **II. REJECTIONS UNDER 35 U.S.C. § 112**

Claims 22-34, and 57-70 stand rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the written description requirement. Claims 22 and 57 have been amended pursuant to the Examiner's recommendation to overcome this rejection. Claims 23-34 and 58-70 ultimately depend from the currently amended claims. It is believed that no new matter has been added by the current amendment.

Claims 2, 22-34, 36, and 57-70 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regard as their invention. Claims 2, 22-36, and 58 have been amended to clarify the original claims. Claim 57 as currently amended pursuant to the Examiner's recommendation above also removes term "the metal M" and thus moots the rejection for lack of proper antecedent basis. Claims 58-70 depend from currently amended claim 57. It is believed that no new matter has been added by the current amendment.

Thus, Applicants respectfully submit that the rejections under 35 U.S.C. § 112, first and second paragraphs, have been overcome and should therefore be withdrawn.

### III. REJECTIONS UNDER 35 U.S.C. § 103

Claims 1-4, 6-25, 27-38, 40-60, and 62-70 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Brown et al. (US 2004/0086743). The Examiner believes that Brown et al. teach photoactive ligands may be phenylpyridine, phenylisoquinoline or phenylquinoline as shown in Brown's ligands of the 1<sup>st</sup>, 18<sup>th</sup>, or 19<sup>th</sup> formulae in Figure 6. The Examiner also believes that Brown teaches that the ring A may be substituted with an at the R<sub>3</sub>' position.

As the Examiner correctly points out, Brown et al. has a common inventor with the current application. Moreover, the claimed invention was made in connection with a joint university corporation research agreement and the inventors of Brown et al. and Applicants are subject to an obligation of assignment to Universal Display Corporation. The agreement was in effect on and before the date the claimed invention was made, and the claimed invention was made as a result of activities undertaken within the scope of the agreement. Thus, Applicants respectfully submit that Brown et al. is disqualified under 35 U.S.C. 103(c) as prior art in a rejection under 35 U.S.C. 103(a). MPEP § 706.02(l)(1) and § 706.02(l)(2).

Claims 1, 22, 23, 35, 36, 56-58, and 70 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Kamatani et al. (US 2003/0059646 A1). Specifically, the Examiner believes that one of ordinary skill in the art at the time of the invention would have been motivated to make similar compounds with the expectation that similar compounds would have similar properties and could be used for the same purpose.

By the current amendment, claims 1, 22, 35, and 57 have been amended to recite that R<sub>5</sub> is selected from phenyl, naphthyl or pyridyl, which may be unsubstituted or

substituted by one or more non-aromatic groups. Applicants respectfully submit that Kamatani does not teach or suggest these compounds as currently amended. Claims 2, 23, 36, 56, 58, and 70 ultimately depend from these amended claims and are also not rendered obvious by Kamatani.

Applicants respectfully submit that the rejections under 35 U.S.C. § 103 have been overcome and should therefore be withdrawn.

#### IV. MISCELLANEOUS

Applicants confirm that “(d)”, “(e)”, and “(f)” in lines 2-4 of claims 57 are typographical errors and should be replaced by “(a)”, “(b)”, and “(c)” as indicated in Applicants’ response to the Notice of Non-Compliant Amendment mailed on July 7, 2006.

Applicants have amended claims 1, 22, 35, and 57 to replace “from” with “form.”

Applicants have also added a period at the end of claims 3-5, 12-14, 16-19, 21, 24-26, 31-33, 37-39, 46-48, 50-53, 55, 59-61, and 66-69.

The Examiner has indicated that claims 5 and 39 are objected to as being dependent upon a rejected base claim (but would be allowable if written in independent form). Applicants submit that the current amendment overcomes all the claim rejections, as discussed above, such that these claims are now allowable in the currently amended form.

#### VI. CONCLUSION

Applicants respectfully submit that the pending claims are now in condition for allowance and request that such action be taken. If for any reason the Examiner believes that prosecution of this application would be advanced by contact with the Applicants’ attorney, the Examiner is invited to contact the undersigned at the telephone number given below.

Respectfully submitted,  
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